

Date of Deposit April 24, 2001

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Makoto Yamamori

**Divisional** of Application  
No.: 09/325,819

Filed: June 4, 1999

For: HIGH AMYLOSE WHEAT  
STARCH AND WHEAT CONTAINING  
THE SAME

Examiner: Grunberg, A.

Art Unit: 1661

PRELIMINARY AMENDMENT

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks.

**IN THE SPECIFICATION:**

Please add the following paragraph before "BACKGROUND OF THE INVENTION" on page 1:

**CROSS-REFERENCES TO RELATED APPLICATIONS**

This application is a divisional of U.S. application number 09/325,819 filed June 3, 1999, the disclosure of which is being incorporated by reference.

**IN THE CLAIMS:**

10. (Amended) The wheat flour of claim 8, wherein the hexaploid wheat is obtained by crossing (i) Chousen 30 or Chousen 57, (ii) Turkey 116, and (iii) Kanto 79 in an arbitrary order.

Please cancel claims 1-5 of the prior application. Claims 6-15 are pending. A copy of the pending claims are attached in the Appendix of this Amendment for the Examiner's convenience.

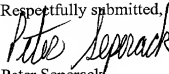
REMARKS

Claims 6-15 are pending in the present application.

CONCLUSION

In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 415-576-0200.

Respectfully submitted,  
  
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Reg. No. 47932

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## MARKED-UP VERSION OF THE SPECIFICATION

IN THE SPECIFICATION:

Please add the following paragraph before "BACKGROUND OF THE INVENTION" on page 1:

## --CROSS-REFERENCES TO RELATED APPLICATIONS

This application is a divisional of application number 09/325,819 filed June 3, 1999, the disclosure of which is being incorporated by reference.--

**MARKED-UP VERSION OF THE AMENDED CLAIMS**

10. (Amended) The wheat flour of claim 8, wherein the hexaploid wheat is obtained by crossing (i) Chousen 30 or Chousen 57, (ii) Turkey 116, and (iii) Kanto 79 in an arbitrary order.

09/741,227-10

**CLAIMS PENDING AFTER AMENDMENT**

6. Wheat flour obtained from endosperm of a seed of wheat which is modified to lack SGP-1, comprising wheat starch which has an apparent amylose content of about 35% or more.

7. The wheat flour of claim 6, wherein the apparent amylose content is from about 37% to about 40%.

8. The wheat flour of claim 6, wherein the wheat is a hexaploid wheat which lacks SGP-A1, SGP-B1 and SGP-D1.

9. The wheat flour of claim 8, wherein the hexaploid wheat is obtained by crossing a first wheat lacking a first protein selected from the group consisting of SGP-A1, SGP-B1 and SGP-D1, with a second wheat lacking a second protein which differs from the first protein and is selected from the group consisting of SGP-A1, SGP-B1 and SGP-D1, followed by further crossing the cross of the first wheat and the second wheat with a third wheat lacking a third protein which differs from the first and second proteins and is selected from the group consisting of SGP-A1, SGP-B1 and SGP-D1.

10. (Amended) The wheat flour of claim 8, wherein the hexaploid wheat is obtained by crossing (i) Chousen 30 or Chousen 57, (ii) Turkey 116, and (iii) Kanto 79 in an arbitrary order.

11. Wheat which is modified to lack SGP-1, comprising wheat starch which has an apparent amylose content of about 35% or more.

12. The wheat of claim 11, wherein the apparent amylose content is from about 37% to about 40%.

13. The wheat of claim 11, which is a hexaploid wheat which lacks SGP-A1, SGP-B1 and SGP-D1.

14. The wheat of claim 13, wherein the hexaploid wheat is obtained by crossing a first wheat lacking a first protein selected from the group consisting of SGP-A1, SGP-B1 and SGP-D1, with a second wheat lacking a second protein which differs from the first protein and is selected from the group consisting of SGP-A1, SGP-B1 and SGP-D1, followed by further crossing the cross of the first wheat and the second wheat with a third wheat lacking a third protein which differs from the first and second proteins and is selected from the group consisting of SGP-A1, SGP-B1 and SGP-D1.

15. The wheat of claim 13, wherein the hexaploid wheat is obtained by crossing (i) Chousen 30 or Chousen 57, (ii) Turkey 116, and (iii) Kanto 79 in an arbitrary order.